This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

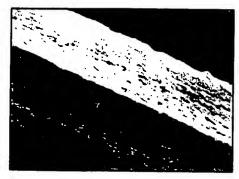
Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

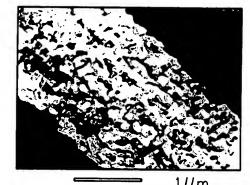
As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.

FIG. 1A



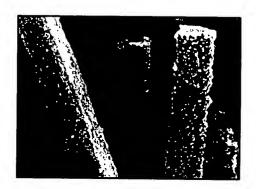
3.5KV X33,000 8mm

FIG. 1B



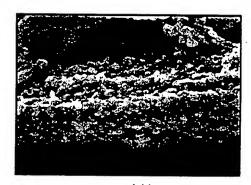
414619 3.5KV X33,000 24mm

FIG. 1C



- 1 μ m 3.5KV X18,000 7mm

FIG. 1D



 $= 1 \mu m$ 3.0KV X45,000 15mm

FIG. 1E



 $= 1 \mu m$ 0020 3.5KV X4,500 15mm

FIG. 1F



 $= 1 \mu m$ 0014 3.5KV X4,300 15mm

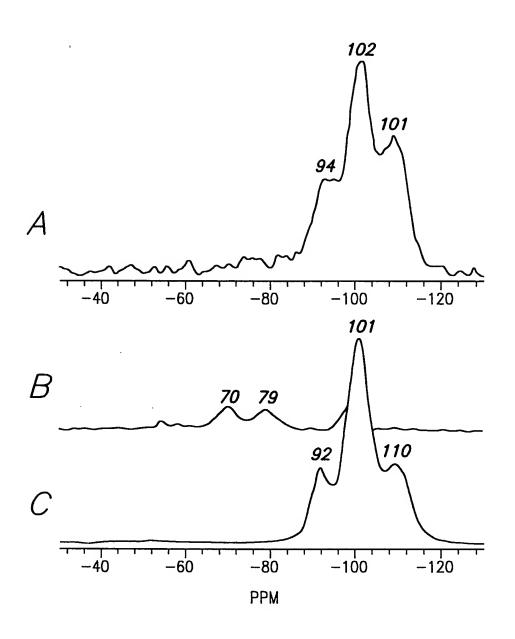
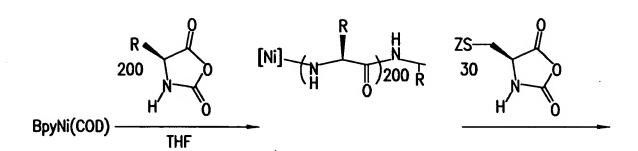


FIG. 2

FIG. 3



$$R = -(CH_2)_4 NHC(0)OCH_2 C_6 H_5$$

[Ni] = INITIATOR ENDGROUP

$$R' = -(CH2)4NH3+BR$$

 $Z = -C(0)OCH_2C_6H_5$

FIG. 4

FIG. 5A

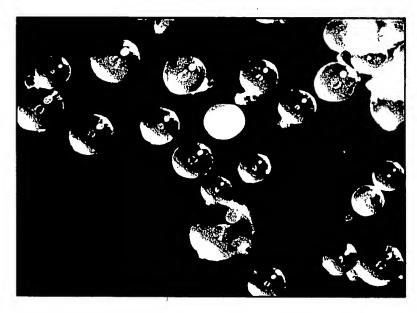


FIG. 5B



- 1 μ m 3.0KV X6,500 14mm